

Patent Claims:

1. Disc brake (1) having at least two friction rings (2, 3) which, at an axial distance from each other, are stationarily arranged on a rotatable hub (4), with brake pads (6 to 9) associated with each friction ring (2, 3) and being displaceably arranged on both sides of the friction ring (2, 3),
c h a r a c t e r i z e d by a brake caliper (13) straddling all friction rings (2, 3) and the associated brake pads (6 to 9) and including a first actuating device (17) in at least one brake caliper portion (14) that extends axially beside the friction rings (2, 3), and a second actuating device (20) that is arranged between two friction rings (2, 3), is acting axially at least on one side and acts on at least one brake pad (7, 8) arranged between two friction rings (2, 3).
2. Disc brake as claimed in claim 1,
c h a r a c t e r i z e d in that the second actuating device (20) is acting on both sides and acts on two brake pads (7, 8) arranged between two friction rings (2, 3).
3. Disc brake as claimed in claim 2,
c h a r a c t e r i z e d in that the brake is a fixed-caliper brake which includes a first actuating device (17) on both sides, in each case in brake caliper portions (14, 15) of the fixed caliper that extend axially beside the friction rings (2, 3), and in that the second actuating device (20) is fixed to the caliper (13) or displaceably arranged thereat.

4. Disc brake as claimed in claim 2,
c h a r a c t e r i z e d in that the brake is a
floating-caliper brake and the second actuating device
(20) is fixed or displaceably arranged at the caliper or a
brake holder (10) of the floating caliper that is fixed in
relation to the vehicle, or at any other component that is
fixed in relation to the vehicle, respectively.
5. Disc brake as claimed in claim 4,
c h a r a c t e r i z e d in that the second actuating
device (20) includes two pistons (37, 38) limiting a
working chamber hydraulically, and in that the working
chamber is connected to the hydraulic circuit feeding the
first actuating device (17).
6. Disc brake as claimed in claims 4 and 5,
c h a r a c t e r i z e d in that the two pistons (37,
38) being in alignment with each other are displaceably
arranged in a cylinder (21) open on both sides, in that
the cylinder (21) is secured to the caliper, and in that
the hydraulic connection (26) to the hydraulic circuit
extends from the caliper through the connection (26) into
the cylinder (21).
7. Disc brake as claimed in claim 6,
c h a r a c t e r i z e d in that the brake is a
floating-caliper brake, in that the first piston (38)
facing the first actuating device (17) is shorter than the
second piston (37).

8. Disc brake as claimed in claim 6,
c h a r a c t e r i z e d in that the caliper, the
connection (26) between caliper and cylinder (21), and the
cylinder (21) are formed of an integral cast piece.
9. Disc brake (1) as claimed in claim 1,
c h a r a c t e r i z e d in that the second actuating
device (20) is connected to a brake pad (7, 8) that is
displaceably guided on the brake holder portion (11).